

U.S. Patent Application Serial No. 10/524,417

Amendment filed April 29, 2008

Reply to OA dated December 31, 2007

AMENDMENTS TO THE CLAIMS:

Please amend claims 1-7, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A laminate having a visible light absorbing film formed by a visible light absorbing ink having been coated on one side or both sides of a substrate, said substrate having ~~which has~~ solar radiation reflecting properties and ~~whose~~ visible light reflectance is of 10% or more, the laminate characterized in that:

the degree of reduction of visible light reflectance is 0.9 or less as defined by degree of reduction of visible light reflectance = [visible light reflectance (%) of the laminate after coating of the ink]/[visible light reflectance (%) of the substrate before coating of the ink]; and

the degree of reduction of solar radiation reflectance is 0.25 or more as defined by degree of reduction of solar radiation reflectance = [solar radiation reflectance (%) of the laminate after coating of the ink]/[solar radiation reflectance (%) of the substrate before coating of the ink].

Claim 2 (Currently amended): The ~~visible light absorbing film~~ laminate according to claim 1, wherein, as a haze value measured according to JIS K 7105, ~~said substrate on which the visible light absorbing film has been formed~~ the laminate having the visible light absorbing film formed on one side or both sides of the substrate has a haze value which has been made lower than the haze

value of the substrate before formation of the visible light absorbing film, or the ~~substrate on which the visible light absorbing film has been formed~~ laminate having the visible light absorbing film formed on one side or both sides of the substrate has a haze value which has been made higher than the haze value of the substrate before formation of the visible light absorbing film and its gain is +3% or less.

Claim 3 (Currently amended): The ~~visible light absorbing film~~ laminate according to claim 1, which has a value of 40 or less as chromaticness $c^* = [(a^*)^2 + (b^*)^2]^{1/2}$ in the $L^*a^*b^*$ color system.

Claim 4 (Currently amended): The ~~visible light absorbing film~~ laminate according to claim 1, wherein said substrate is any of a film, a glass sheet and a transparent resin sheet, a film, a glass sheet and a transparent resin sheet on any of which a metallic thin film has been formed, and a composite member obtained by laminating the film, the glass sheet and the transparent resin sheet on any of which a metallic thin film has been formed, to a different film, glass sheet or transparent resin sheet.

Claim 5 (Currently amended): The ~~visible light absorbing film~~ laminate according to claim 1, wherein said substrate is a transparent film on the surface of which a metallic thin film of Al, Ag or Cu has been vacuum-deposited, or a composite member formed of the transparent film on the surface of which the metallic thin film has been vacuum-deposited and a glass sheet.

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Claim 6 (Currently amended): A structural member having a visible light absorbing film, characterized in that ~~[[a]] the laminate formed by providing the visible light absorbing film according to claim 1, 2, 3, 4 or 5 on one side or both sides of the substrate~~ is incorporated directly or via an intervenient member or via a space.

Claim 7 (Currently amended): A visible light absorbing ink which forms the visible light absorbing film in the laminate according to claim 1, 2, 3, 4 or 5, characterized by containing at least one fine particles of a compound oxide selected from the group consisting of Cu-Fe-Mn, Cu-Cr, Cu-Cr-Mn, Cu-Cr-Mn-Ni, Cu-Cr-Fe and Co-Cr-Fe, titanium black, titanium nitride, titanium oxynitride, a dark-colored azo pigment, a perylene black pigment, an aniline black pigment and carbon black; said fine particles having an average dispersed-particle diameter of 300 nm or less in the ink.

Claim 8 (Original): The visible light absorbing ink according to claim 7, which is characterized by containing as a binder component at least one inorganic high polymer, organic high polymer or inorganic-organic composite high polymer.